FACTUAL REPORT AVIATION

MTCD	Accident/	Incident	Number
N I 2D	Accident	melaeni	MOUNDER

					MI/ 1A19	19 1 F 1 A L	2 4 5
Supplement C	—Wreckage Docu	mentation, M	Aulti-(3 or	more) Recip	procating En	gine and	
	Turbine-Powere						
Landing Gear	1 Nose/Tail	2 Left Ma		3 Right Ma		4 Body Gear	
Position	1 🔲 Up	1 <u> 0</u> U	•	1 🔲 Up		1 🔀 Not in	stalled
	2 🕅 Down	2 🔀 D		2 🗷 Do		2 🔲 Up	
	3 Intermediate	3 🔲 Ir	itermediate	3 🔲 Inte	ermediate	3 Down	
	A Other	A Othe	r	A Other		4 🔲 Intern	nediate
		<u>.</u>				A Other	
Landing Gear Damage		A	Impact		В	Fire	
Damage		1 Destroyed	2 Substanti	al Minor/None	1 Destroyed	2 Substantial	3 Minor/None
	5 Nose/tail	X					
	6 Left/main	Ý	-			-	
	7 Right/main	¥	 				-
Trailing Edge	8 Left Inboard	9 Left Out	board	10 Right Ir	nboard	11 Right Out	ooard
Flap Positions	1 ☑ Up	1 🔀 U;)	1 🗖 U	lp	1 □ Up	
l lup i contono	A Downdeg.		deg.	A Dowr	ndeg.	A Down	deg.
	B Other	B Other		B Other	A/	B Other	
					17/4	^	/ / /}
Leading Edge	13 Left Inboard	14 Left Οι	tboard	15 Right II	nboard	16 Right Out	ooard
Flap Positions	1 🔲 Up	1 🗖 L		1 🗖 U	lp	1 🔲 Up	
·	A Downdeg.	A Dowr	deg.	A Dow	ndeg.	A Down	deg.
12 🗖 Not Installed		B Other		B Othe	r	B Other	
(Go to block 17)							
Leading Edge	18 Left Inboard	19 Left Ou	board	20 Right Ir	nboard	21 Right Out	ooard
Slat Position	1 🔲 Up	1 🗖 U		1 🗖 U	р	1 🔲 Up	
	A Downdeg.	A Dow	ndeg.	A Dowr	deg.	A Down _	deg.
17 🔀 Not Installed		B Othe	r	B Other	r	B Other	
(Go to block 22)							
Spoiler	23 Flight Spoilers-Left	24 Flight S	pollers-Right	25 Ground	Spollers-Left	26 Ground S	pollers-Right
Positions	1 D Stowed	1 □ S	towed	1 □ S	towed	1 🗖 Stov	ved
	2 Deployed	2 🗖 🗅	eployed	2 🗖 D	eployed	2 Dep	loyed
22 Not installed	A Other	A Othe	r	A Othe	ır	A Other	
(Go to block 27)	Į						
Trim Tab	28 Left Alleron	29 Right Aileron	30 U	pper Rudder	31 Lower Rudde	r 32 Elev	ator/Stab.
Positions	1 Not installed	1 🔲 Not ins	talled 1	Not installed	1 🗷 Not inst	talled 1	Not installed
(Multiple entry)	2 Neutral	2 🔀 Neutral	2	■ Neutral	2 Neutral	2	Neutral
	.3 □ Up	3 🔲 Up	3	☐ Left	3 🔲 Left	3 🗆] Up
	4 Down	4 🔲 Down	4	Right	4 🔲 Right	4 □	Down
27 Not Installed	Adeg.	Aded	a. A	deg.	Adeg	a. A_	deg.
(Go to block 33)	B Other	B Other	·	Other	B Other	" Во	-
Cargo Restraint	33 Cargo Restraint Insta	lled	34 Cargo Re		35 Car	go Restraint Fail	ed
System(s)	1 None (Go to ble	ock 36)	1 🔲 Non	e (Go to block 36)	1 1	None	
(Multiple entry for	2 Cargo net		2 🔲 Car	go net	2	Cargo net	
each block)	3 Straps/tie down)		ps/tie down		Straps/tie dow	'n
	A Other		A Other			ther	
36 Airframe/Structu	ure, Evidence of In-flight Se	eparation/Fallure	(Multiple entr	у)			
1 📮 None		5 🔲 Right win	g 9	Canard	13 🗖 C	abin door(s)	
2 Helicopter (Complete Supplement G)	_	-	Tail cone		argo door(s)	
3 🔲 General disi		7 🛘 Right stat		1 D Powerplant		y	
4 🔲 Left wing	-	8 Vertical fi		2 Powerplant n	•		
NTCD Form 610	0.4.0		· ·		231		

FACTUAL REPORT AVIATION

NTSB Accident/Incident Number

0 1 10 111						/N	1/1/	7 7]7	F A 2	. ۴	9
Supplement CWreck	age Documen e-Powered Ai			more) Re							
39 Flight Control System, Eviden 1 None 4 2 Pitch Control A		•		ole entry	·)			Yes No	DL Modi	fication i	nstalled	
Computed Weight and Balar	nce Information-	Complete w Otherwise,	vhen wei go to blo	ght an ck 51.	d/or	cent	er of g	ravity i	limitati	ons are	өхсөө	ded.
Takeoff								•				
10,372 Lbs. A	enter of Gravity ———— % MAC or ———— Inches	1	G Range (N ☐ At take ☐ At max	off weig	ht		A B		MAC to ches to		C or hes	
Accident												
7, 902 Lbs. A	enter of Gravity % MAC or Inches	1 2 A	G Range (N At take At accident At Accident At Accident At Accident	off weig dent we MAC to	ht ight		or	1 🔲 2 🔣 A _ 2	Estimate Verified Gallo	ons	e nt Other	
	30th 3 th 7 10010011t	Tank Col Tank Col Wet Wing Bladder	nstruction 3 Metal				Fittings G Other			el Leakag 3 Fitting		re Other
52 Left Wing	0		X		Y						X	
53 Right Wing	0		X		X						X	
54 Left Tip												
55 Right Tip												
56 Fuselage	•											
57 (Specify) Autocalla Kitt	2		X		x						X	
Engine/Propeller Historical In	_											
Engines	A Engine #1		ne #2	С	Engin	e #3	_ D	Eng	gine #4	E	Oth	er
60 Serial Number 61 Hours, Total	PCE-2080			1								
62 Date, Last Overhaul (Nos. for M, D, Y)	24,874	32,4	47								א עו ל	
63 Hours, Since Last Overhaul	2, 126	2 11-	٠ ٩								, <u>.</u>	
64 Date, Last Inspection (Nos. for M, D, Y)	4/5/99	3,113						· · · · · · · · · · · · · · · · · · ·				
65 Hours, Since Last Inspection	75	75							2024			

FACTUAL REPORT AVIATION

NTSB Accident/Incident Number	oer
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					,	N/A	995		2 4 5
Supplement C—Wreck	kage Docum ne-Powered								
Propollers 68 Not installed	A Carino		B Engine #		C Engine #	3	Engine #4		E Other
· (GO IO DIOCK CC	,,,		-		2 Linginio n				
69 Propeller Manufacturer	HARTE	14//	HART	2e//					
70 Propeller Model/Series Numb	er HC-B	3TN-3	HART:	ru-3					
71 Hours, Total									
72 Hours, Since Overhaul									
73 Date, Last Overhaul (Nos. for M. D. Y)									
74 Hours, Since Last Inspection									
75 Date, Last Inspection (Nos. for M, D, Y)									
78 Propeller Type (Multiple entited 1 ☐ None installed 2 ☑ Metal 3 ☐ Composite 4 ☐ Constant speed-control	5) 6 (7 (☐ Full mar	ble omatic featherin nual feathering	1	Engine Super Installed 1 Yes 2 No A Other	charger	1	ine Turbo alled Yes No Other	charger
Firewall Valve Shutoff Pos	ition			85 🗆	Not installed	(Go to block	90)		
86 Engine #1 1 ☐ Not installed 2 ☑ Open 3 ☐ Closed A Other	87 Engine 1 ☐ No 2 猛 O 3 ☐ Cl A Other	ot installed pen losed	-	1 2 3	ngine #3 Not installed Open Closed Other	d	2	Not insta Open Closed	illed
Thrust Reverser Position				90 🔀	Not Installed	(Go to block 9	7)		
		1 (Open	2 (Closed	3 Interm	ediate	А	Other
91 #1 Engine									
92 #2 Engine									
93 #3 Engine									
94 #4 Engine									
97 Fuel Found In #1 Engine (Multi 1 None 2 Lines 3 Strainer 4 Fuel control 5 Carburetor/fuel injecto 6 Engine driven pump	7 Aux fuel p 8 Filter(s) 9 Selector v 10 Fuel mani	alve		1 2 C 3 C 4 C 5 C	Found In #2 En None Lines Strainer Fuel control Carburetor/fu	7 8 9 10 el injector A	☐ Aux fuel☐ Filter(s)☐ Selector☐ Fuel ma	r valve	ider

FACTUAL REPORT AVIATION

N	TSB	Accident/Incident Number	
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	AVIATION	1	
		MIIAI	99FA245
Supplement C-Wreckag	ge Documentation, Multi-(3 or more) Reciprocating	Engine and
Turbine	-Powered Aircraft (continu	ued)	
99 Fuel Found In #3 Engine (Multiple		100 Fuel Found In #4 Engine (Multiple	le entry)
1 None	7 Aux fuel pump	1 None	7 🔲 Aux fuel pump
2 Lines	8 Filter(s)	2 Lines	8 Filter(s)
3 🔲 Strainer	9 Selector valve	3 🔲 Strainer	9 🔲 Selector valve
4 🔲 Fuel control	10 🔲 Fuel manifold/spider	4 Puel control	10 🗖 Fuel manifold/spider
5 Carburetor/fuel injector	A Other N/A	5 Carburetor/fuel injector	A Other N/A
6 Engine driven pump		6 Engine driven pump	
101 Fuel Samples Analyzed	102 Fuel, Evidence of Improper Grade or Contamination	103 Lube Oil Analyzed	104 Lube Oil, Evidence of Improper Grade or Contamination
1 Yes	(Multiple entry)	1 Yes	(Multiple entry)
2 No	1 None	2 N o	1 Mone
A Other	2 Improper Grade	A Other	2 Improper Grade
1	3 Contamination	Í	3 Contamination
	A Other		A Other
105 Engine In-flight Failure	106 Engine Failure Position	107 Failure Contained	108 Engine In-flight Fire
(Multiple entry)	(Multiple entry)	1 X Yes	(Multiple entry) 1 ☑ None
1 🔲 No	1 🔀 #1	2 □ No	1 💆 None 2 🔲 #1 Engine
2 🔀 Yes	2 🔼 #2	A Other	3 #2 Engine
3 🛂 Rotational	3 🗖 #3	Į.	4 #2 Engine
4 🗖 Explosion	4 🗆 #4		5 #4 Engine
A Other	A Other		A Other
ELT (Emergency Locator Trai	nsmitter) Information		
		00000000000000000000000000000000000000	A0000000000000000000000000000000000000
	ultiple entry) 113 Reason(s) for EL	T Failure/Noneffectiveness (Enter code	es from list below by ELT location)
112 Preimpact Location of ELT's (M (Enter number by location)	lultiple entry) 113 Reason(s) for EL (Multiple entry)	T Failure/Noneffectiveness (Enter code	s from list below by ELT location)
	(Multiple entry)		, i
	(Multiple entry)		,
(Enter number by location) A Cockpit D Raft	(Multiple entry) A Cockpit	C Empennage	E Survival kit
(Enter number by location) A Cockpit D Raft B Cabin E Surviv	(Multiple entry) A Cockpit val kit B Cabin		E Survival kit
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other	val kit B Cabin	C Empennage	E Survival kit
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu	val kit B Cabin Ire (ELT choices for block 113)	C Empennage D Raft	E Survival kit
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's	val kit B Cabin Ire (ELT choices for block 113) 07 Fire damage	C Empennage D Raft 12 Shielded by wreckage 1	E Survival kit F Other 7 Packing device still installed
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation	wal kit B Cabin Ire (ELT choices for block 113) 77 Fire damage 08 Impact damage	C Empennage D Raft Shielded by wreckage 1 Shielded by terrain 1	E Survival kit
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded	wal kit B Cabin we (ELT choices for block 113) 7 Fire damage 8 Impact damage 9 Antenna broken/disconnected	C Empennage D Raft 12 Shielded by wreckage 1 13 Shielded by terrain 1 14 Internal failure	E Survival kit F Other 7 Packing device still installed
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 11 Insufficient G's 12 Improper installation 13 Battery corroded 15 Battery installed incorrectly	wal kit B Cabin we (ELT choices for block 113) 7 Fire damage 18 Impact damage 19 Antenna broken/disconnected 10 Water submersion	C Empennage	E Survival kit F Other 7 Packing device still installed
(Enter number by location) A Cockpit D Raft	wal kit B Cabin we (ELT choices for block 113) 7 Fire damage 18 Impact damage 19 Antenna broken/disconnected 10 Water submersion	C Empennage D Raft 12 Shielded by wreckage 1 13 Shielded by terrain 1 14 Internal failure	E Survival kit F Other 7 Packing device still installed
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 11 Insufficient G's 12 Improper installation 13 Battery corroded 15 Battery installed incorrectly	wal kit B Cabin we (ELT choices for block 113) 7 Fire damage 18 Impact damage 19 Antenna broken/disconnected 10 Water submersion	C Empennage	F Other F Other 7 Packing device still installed 8 Remote switch off 117 Battery Expiration Date,
(Enter number by location) A Cockpit D Raft	(Multiple entry) A Cockpit B Cabin June (ELT choices for block 113) 7 Fire damage 08 Impact damage 09 Antenna broken/disconnected 10 Water submersion 11 Unit not armed	C Empennage	E Survival kit F Other 7 Packing device still installed 8 Remote switch off
(Enter number by location) A Cockpit D Raft	(Multiple entry) A Cockpit B Cabin June (ELT choices for block 113) 7 Fire damage 08 Impact damage 09 Antenna broken/disconnected 10 Water submersion 11 Unit not armed	C Empennage D Raft Shielded by wreckage Shielded by terrain Internal failure Tested satisfactorily after accident Signal direction altered by terrain 16 ELT Battery Type, Fixed ELT's	F Other F Other 7 Packing device still installed 8 Remote switch off 117 Battery Expiration Date,
(Enter number by location) A Cockpit D Raft	(Multiple entry) A Cockpit B Cabin June (ELT choices for block 113) 7 Fire damage 08 Impact damage 09 Antenna broken/disconnected 10 Water submersion 11 Unit not armed	C Empennage	F Other F Other 7 Packing device still installed 8 Remote switch off 117 Battery Expiration Date,
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's	(Multiple entry) A Cockpit B Cabin Jire (ELT choices for block 113) 7 Fire damage 8 Impact damage 9 Antenna broken/disconnected 10 Water submersion 11 Unit not armed 115 ELT Model No., Fixed ELT's	C Empennage	F Other 7 Packing device still installed 8 Remote switch off 117 Battery Expiration Date, Fixed ELT's (Nos. for M, D, Y)
(Enter number by location) A Cockpit D Raft	(Multiple entry) A Cockpit B Cabin June (ELT choices for block 113) 7 Fire damage 08 Impact damage 09 Antenna broken/disconnected 10 Water submersion 11 Unit not armed	C Empennage	F Other F Other 7 Packing device still installed 8 Remote switch off 117 Battery Expiration Date,
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's	(Multiple entry) A Cockpit B Cabin Jire (ELT choices for block 113) 7 Fire damage 8 Impact damage 9 Antenna broken/disconnected 10 Water submersion 11 Unit not armed 115 ELT Model No., Fixed ELT's	D Raft	F Other 7 Packing device still installed 8 Remote switch off 117 Battery Expiration Date, Fixed ELT's (Nos. for M, D, Y)
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's	(Multiple entry) A Cockpit B Cabin Jire (ELT choices for block 113) 7 Fire damage 8 Impact damage 9 Antenna broken/disconnected 10 Water submersion 11 Unit not armed 115 ELT Model No., Fixed ELT's	D Raft	F Other 7 Packing device still installed 8 Remote switch off 117 Battery Expiration Date, Fixed ELT's (Nos. for M, D, Y) A Other UNIC 121 Battery Expiration Date,
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's	wal kit B Cabin	C Empennage D Raft D Raft Shielded by wreckage Shielded by terrain Id Internal failure S Tested satisfactorily after accident Signal direction altered by terrain Individual Alkaline Cadmium Ni/Cad Ni/Cad Nickel Lithium A Other UN C	F Other F Othe
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's	wal kit B Cabin	C Empennage	F Other F Other Packing device still installed Remote switch off 117 Battery Expiration Date, Fixed ELT's (Nos. for M, D, Y) A Other UNIC
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's	wal kit B Cabin	D Raft	F Other F Other Packing device still installed Remote switch off 117 Battery Expiration Date, Fixed ELT's (Nos. for M, D, Y) A Other UNIC
(Enter number by location) A Cockpit D Raft B Cabin F Other C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's A Other	val kit B Cabin A Cockpit B Cabin A Cabin	C Empennage	F Other F Other Packing device still installed Remote switch off 117 Battery Expiration Date, Fixed ELT's (Nos. for M, D, Y) A Other UNC 121 Battery Expiration Date, Raft ELT's (Nos. for M, D, Y)
(Enter number by location) A Cockpit D Raft B Cabin E Surviv C Empennage F Other Reason(s) for Noneffectiveness/Failu 01 Insufficient G's 02 Improper installation 03 Battery corroded 05 Battery installed incorrectly 06 Incorrect battery 114 ELT Manufacturer, Fixed ELT's	wal kit B Cabin	D Raft	F Other F Other Packing device still installed Remote switch off 117 Battery Expiration Date, Fixed ELT's (Nos. for M, D, Y) A Other UNIC